Flow Chart

Step 1-   Download the stock & trading data from Web Site.

Investor Relations Markets Public Issues Corporates Members Investors Training & Certification

Derivatives ▾ Indices▾ Currency Derivatives ▾ IRD ▾ Debt ▾ SLB ▾ ETFs/Mutual Funds ▾ Commodity Derivatives▾ Market Data Notices & Circulars
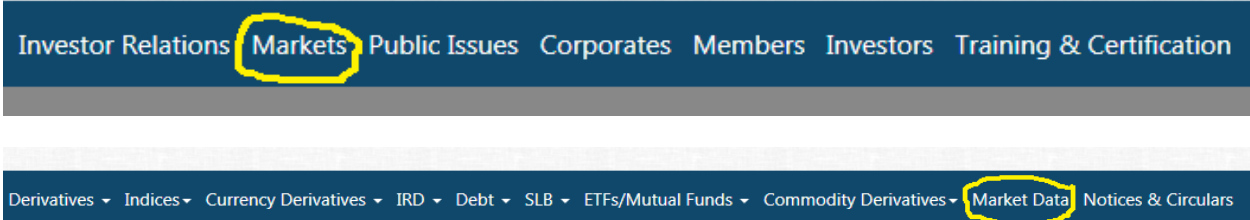
Step1: Get the pricing data for the stocks for Nov and Dec.

Historical Bhav Copy

◉ Equity   ◯ Derivatives   ◯ Debt Clean Price

◯ Currency Derivatives/IRD ◯ Debt   ◯ SLB

◯ SLB NEW   ◯ Commodity Derivatives

| DD ▾ | MM ▾ | YYYY ▾ | Submit |
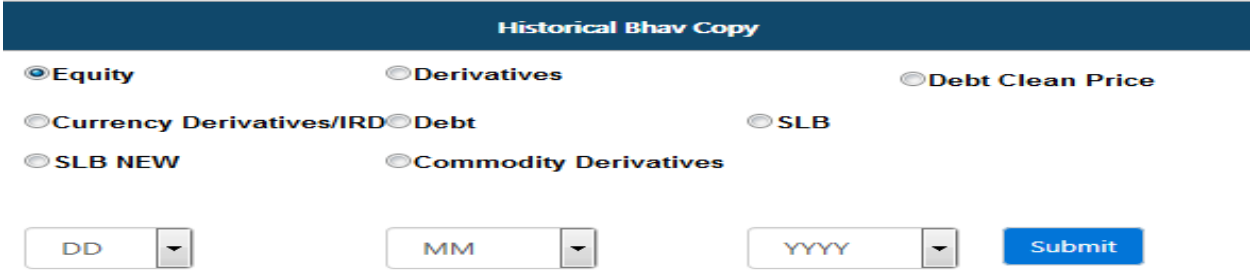
Step 3: Analyze both the data sets carefully.

a)Raw dataset of 1/11/18

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	SC_CODE	SC_NAME	SC_GROUI	SC_TYPE	OPEN	HIGH	LOW	CLOSE	LAST	PREVCLOS	NO_TRAD	NO_OF_SI	NET_TURN	TDCLOINDI	
2	500002	ABB LTD.	A	Q	1299.1	1367	1283.6	1318.75	1318.75	1280.05	1992	63244	83842749		
3	500003	AEGIS LOC	A	Q	217.35	217.4	212.8	214.5	213.75	217.05	161	3202	691409		
4	500008	AMAR RAJ	A	Q	750.9	751.55	737.2	745.8	745.8	744.35	651	214262	1.59E+08		
5	500009	A.SARABH	X	Q	11.1	11.46	11.1	11.23	11.1	10.92	62	24878	283094		
6	500010	HDFC	A	Q	1775.05	1795.75	1750.6	1761.7	1761.7	1769.55	5111	217886	3.84E+08		
7	500012	ANDHRA F	X	Q	86.5	86.9	82	82.9	82.9	85.55	1058	179320	15193586		
8	500013	ANSAL INI	B	Q	11.11	11.36	10.76	11.24	11.3	11	45	12579	139362		
9	500014	APPLE FIN	XT	Q	1.85	1.85	1.85	1.85	1.85	1.85	10	151	279		
10	500020	BOM DYEI	B	Q	112	115	112	115	115	104.55	3131	781740	89210312		

b)Raw dataset dated 12/3/18.

SC_CODE	SC_NAME	SC_GROUI	SC_TYPE	OPEN	HIGH	LOW	CLOSE	LAST	PREVCLOS	NO_TRAD	NO_OF_SI	NET_TURN	TDCLOINDI
500002	ABB LTD.	A	Q	1415.95	1417.45	1384	1391.55	1385	1405.85	368	4012	5603053	
500003	AEGIS LOC	A	Q	211	212.5	208	209.75	209.75	210.9	192	7011	1473320	
500008	AMAR RAJ	A	Q	713.45	719.35	710.35	714.35	714.35	709.25	469	11987	8573311	
500009	A.SARABH	X	Q	12.96	13.35	12.86	13.28	13.2	12.95	110	17999	236327	
500010	HDFC	A	Q	1991	2015	1952.65	1977.25	1977.25	1983.7	3139	153827	3.05E+08	
500012	ANDHRA F	X	Q	55.85	57.7	54.05	54.9	54.5	56	312	41834	2314397	
500013	ANSAL INI	B	Q	10.55	10.6	10.39	10.39	10.39	10.46	6	582	6141	
500016	ARUNAHT	XT	Q	10.9	10.9	10.88	10.88	10.88	11.45	8	3050	33196	
500020	BOM DYEI	B	Q	99.8	101	96.85	97.85	97.85	99.3	2066	182632	18028204	

Step-3 Extracting the required columns from the raw datasets.

Extracted columns of dataset dated 1/11/18 and 3/11/18 respectively.

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SC_NAME	Considered Price
AMARRAJ	714.375
HDFC	1983.975
ANDHRAP	55.625
BOMDYEII	98.875
BAJAJHINI	9.645
BAJFINAN	2525.25
CENTURYT	918.7375
BATAINDI	1053.8875
BEMLLTD	758.0125
BHARATEL	84.6375
BHANSALI	73.375
BHUSHSTE	27.5125
BIRLACAB	213.175
CHAMBAL	155.5625
CGPOWER	40.3125
DALMIASL	101.8125
ARVINDLt	103.1
BALARPUF	5.82
BHEL	69.5125
IFCILTD	13.6725
MRPL	73.6125
STATEBAN	286.425
TITAN	931.3375
IDBIBANK	59.5625

SC_NAME	Considered Price
AMARRAJ	746.3625
HDFC	1770.775
ANDHRAP	84.575
ANSALINF	11.1175
BOMDYEII	113.5
ASSAMCO	1.98
BAJAJHINI	10.1125
FORCEMO	1767.0125
BAJFINAN	2400.675
CENTURYT	832.6375
BATAINDI	991.425
BEMLLTD	611.6875
BHARATEL	95.55
BHANSALI	81.2625
BHUSHSTE	28.6
BIHARSPC	0.78
BIRLACAB	171.3
CENTURYE	6.16
CHAMBAL	143.5125
CGPOWER	35.675
DALMIASL	91.375
ARVINDLt	345.3625
BALARPUF	6.4375
BHEL	69.725

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Step-4   Calculating the predicted value and comparing with actual value.

SC_NAME	Predicted	Actual
AMARRAJ	746.3625	738.2875
HDFC	1770.775	1969.625
ANDHRAP	84.575	56.1375
BOMDYEII	113.5	113.775
BAJAJHINI	10.1125	8.71
BAJFINAN	2400.675	2611.825
CENTURYT	832.6375	913.225
BATAINDI.	991.425	1136.275
BEMLLTD	611.6875	907.625
BHARATEL	95.55	87.5875
BHANSALI	81.2625	90.6625
BHUSHSTE	28.6	
BIRLACAB	171.3	
CHAMBAL	143.5125	145.325
CGPOWER	35.675	45
DALMIASL	91.375	91.375
ARVINDLt	345.3625	97.275
BALARPUF	6.4375	5.4075
BHEL	69.725	71.175
IFCILTD	14.0425	14.9225
MRPL	82.9375	74.9
STATEBAN	283.85	294.95
TITAN	849.6625	913.1625
IDBIBANK	59.35	61.3375

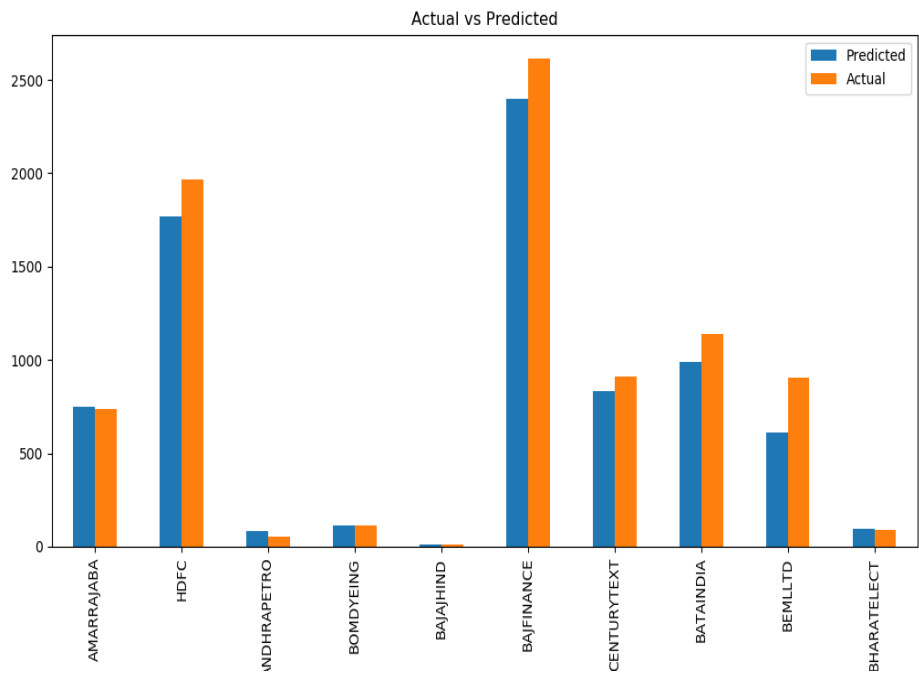ADROIT ■

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Step-5   Plotting our predicted values vs the actual values

Actual vs Predicted

We have performed our prediction algorithms using python on Anaconda.

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